

**Base Year Modification Request Certification****Part 1: Generation Study - No Extrapolation Diversion Data**

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board  
Office of Local Assistance  
1001 I Street, (MS-25)  
PO Box 4025  
Sacramento, CA 95812-4025

**General Instructions:**

Please select the **ONE** choice below that best explains your request to the Board.

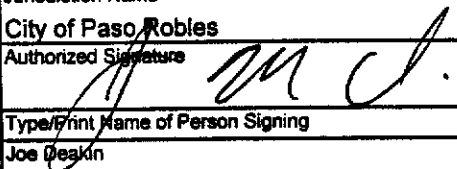
- ☐ 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
- ☒ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

**Section I: Jurisdiction Information and Certification**

*All respondents must complete this section.*

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name		County	
City of Paso Robles		San Luis Obispo	
Authorized Signature 		Title Public Works Director	
Type/Print Name of Person Signing	Date	Phone ( ) Include Area Code	
Joe Deakin	10/28/02	(805) 237-3861	
Person Completing This Form (please print or type)		Title	
Georgia Thompson			
Affiliation:	Brown, Vence & Associates		
Mailing Address	City	State	ZIP Code
1000 Spring Street	Paso Robles	CA	93446
E-Mail Address <a href="mailto:ideakin@prcity.com">ideakin@prcity.com</a>			

<b>Section II: Information for New Generation-Based Study for Existing or New Base Year</b>	
<b>Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").</b>	
<i>Note: New base years must be representative of a jurisdiction's disposal and diversion.</i>	
<b>1. Current Board-approved existing base year:</b>	<b>2. Proposed new generation-based study year:</b>
<b>1990</b>	<b>2000</b>
<b>3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:</b>	
The City has undertaken the preparation of a new waste generation study in order to more fully and accurately access the City's diversion rate. 2000 is the state-mandated reporting year.	

<b>4. Enter diversion rate information below.</b>			
<b>Diversion rate calculated using existing base year</b>	<b>a. 30 %</b>	<b>Diversion rate calculated using new generation-based study</b>	<b>b. 38 %</b>
<b>For existing base year pounds/person/day based on generation</b>	<b>10.77322486</b>	<b>For new generation based study pounds/person/day based on generation</b>	<b>12.25</b>
<b>Residential generation 33 %</b>	<b>Non-Residential generation 67 %</b>	<b>Residential generation 26% %</b>	<b>Non-Residential generation 74% %</b>
<b>Population existing generation-based study 22900</b>		<b>Population new generation-based study 22900</b>	
<b>5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).</b>			
The City's proposed 2000 diversion rate reflects improved waste diversion participation in El Paso de Robles. The City of Paso Robles has implemented various new diversion programs such as in-house recycling, reuse, and composting. The City has worked dilligently with its franchised hauler since 1990 to improve residential recycling participation. These efforts, and those of the private sector, are not appropriately reflected in the City's current diversion rate. The 2000 Waste Generation Study identified previously undocumented diversion through site visits and surveys of the City's commercial businesses and surveys of materials handlers and solid waste facilites. The increase in the pounds per person per day is a result of the increase in the diversion activities since 1990.			
<b>6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)</b>			
The City has implemented a significant number of diversion programs since 1990 and the 2000 Waste Generation Study has identified previously undocumented diversion by the City's private sector.			

<b>7. Disposal Tonnage (enter values):</b>	7750	23992	31741
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

☐ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at [www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc](http://www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc))

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at [www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc](http://www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc))

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. **Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested.** Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt,] white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

\*Please provide detailed Non-Residential waste information in Section 9.

**Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.**

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a>	(A)	(A/Total Generation)			
<b>Residential Source Reduction Activities</b>					
Backyard composting					
Grasscycling		0.0%			
<b>Other Residential Source Reduction (list each program separately)</b>					
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
<b>Subtotal, Residential Source Reduction</b>	<b>0</b>	<b>0.0%</b>			
<b>Residential Recycling Activities</b>					
Curbside Recycling	578	1.1%	newsprint, magazines, phonebooks, PET plastic, mxd plastic, glass, Al cans, mxd CRV		Franchise hauler records submitted with Waste Generation Study
Buyback Centers	3437	6.7%			
Drop-off Centers	244	0.5%	Al, glass, HDPE, PETE		DOC documentation submitted with Waste Generation Study

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a>	(A)	(A/Total Generation)			
<b>Other Residential Recycling (list each program separately)</b>					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal, Residential Recycling</b>	<b>4259</b>	<b>8.3%</b>			
<b>Residential Composting Activities</b>					
<b>Green Waste Drop-off</b>					
<b>Curbside Green Waste</b>	1166	2.3%	residential plant debris		Franchise hauler records submitted with Waste Generation Study
<b>Christmas Tree Program</b>	132	0.3%	christmas trees	527 lb/cy (Tellus conversion factor for shredded prunings)	Record included with Waste Generation Study
<b>Other Residential Composting (list each program separately)</b>					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal, Residential Composting</b>	<b>1298</b>	<b>2.5%</b>			
<b>Subtotal, Residential Diversion</b>	<b>5557</b>	<b>10.9%</b>			
<b>Non-Residential Source Reduction Activities:</b>					
<b>Non-Residential Waste Audits*</b>	5	0.0%	See Section 9	See Section 9	See Section 9
<b>Other Non-Residential Source Reduction (list each program separately)</b>					
<b>Material Handlers</b>	17	0.0%	food redistribution		Record included with Waste Generation Study
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal, Non-Residential Source Reduction</b>	<b>23</b>	<b>0.0%</b>			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a>	(A)	(A/Total Generation)			
<b>Recycling</b>					
Non-Residential Waste Audits*	3454	6.7%	See Section 9	See Section 9	See Section 9
Other Non-Residential Recycling (list each program separately)					
Material Handler	161	0.3%	tallow		Record included with Waste Generation Study
Material Handler	22	0.0%	fiber		Record included with Waste Generation Study
Hauler Data	669	1.3%	OCC, white paper, scrap metal, glass		Franchise hauler records submitted with Waste Generation Study
Enter program name					
Subtotal Non-Residential Recycling	4305	8.4%			
<b>Non-Residential Composting Activities</b>					
Non-Residential Waste Audits*			See Section 9	See Section 9	See Section 9
Other Non-Residential Composting (list each program separately)					
Golf Course Grasscycling	520	1.0%	grass	6.5 ton/acre/yr	Record included with Waste Generation Study
City Grasscycling	114	0.2%	grass	6.5 ton/acre/yr	Record included with Waste Generation Study
Material Handler			plant debris	527 lb/cy (Tellus conversion factor for shredded prunings)	Record included with Waste Generation Study
City Parks	27	0.1%	plant debris	527 lb/cy (Tellus conversion factor for shredded prunings)	Record included with Waste Generation Study
Enter program name					
Subtotal Non-Residential Composting	661	1.3%			
Subtotal Non-Residential Diversion Residential/Non- Residential	4989	9.7%			
<b>Diversion Activities</b>					
ADC	572	1.1%			Landfill documentation submitted with Waste Genration Study
Sludge					
Scrap Metal					
Construction and Demolition	8325	16.3%	City facility asphalt grinding & landfill diversion	1,380 lb cubic-yard	Record included with Waste Generation Study
Landfill Salvage	17	0.0%	tires		Landfill documentation submitted with Waste Generation Study
Subtotal Residential/ Non-Residential Diversion	8914	17.4%			
Total Res/Non-Res Source Reduction Tons	23	0.0%			
Total Diversion Tons	19460	38.0%			
Total Disposal Tons from Sec.7	31741	62.0%			
Total Generation Tons (Div+Dis)	51201				
Diversion Rate	38%				

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a>	(A)	(A/Total Generation)			

## 9. Specific Non-Residential Sector Waste Audits--Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Table will perform all addition calculations).

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include Material Type (e.g., paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
Brewery (1)	LPSV2	spent grains		1400		1400	2.7%	O
Grocers (2)	JHBS1	OCC, mxd plastics, organics, tallow		785		785.2	1.5%	P
Retail (3)	JHSV1	OCC, clothing, pet food, plastic	5	437		442.26	0.9%	O
Grocer (4)	JHSV2	OCC, paper, plastic		335		335.27	0.7%	O
Retail (5)	LPSV3	OCC		270		270.4	0.5%	O
Parts Mfg. (6)	LPSV1	OCC, paper		159		159	0.3%	O
Retail (7)	LPBS5	OCC, paper, plastic		38		37.76	0.1%	P
Hardware (8)	JHSV3	OCC, paper		16		16	0.0%	O
Mfg. (9)	LPBS4	OCC		3		3	0.0%	P
<b>Totals</b>			<b>5.46</b>	<b>3443.43</b>		<b>3448.89</b>	<b>6.7%</b>	

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business).

The numbers below in parentheses correspond to the top ten generators above - numbered in order (1) through (10).

CARDBOARD: (2) 435 TPY recycled through backhaul. Documented weight provided by business rep. (3) 437 TPY recycled through backhaul. (4) 333 TPY backhauled, based on 16 bales/wk @800 lb/ea. (5) 270 TPY recycled through backhaul, based on 676 blaes/year, 800 lb bale. (6) 140 TPY recycled by Smurfit, based on documented weight provided by business rep. (7) 36 tpy recycled through backhaul, based on 91 bales/year, 800 lb bale. (8) 26 tons/year recycled through backhaul, based on 1 bale/week, 800 lb/bale. (9) 3 tons/year recycled, based on 6,000 pounds/year verbal estimate.

SPENT GRAIN: (1) 1,400 tons per year (TPY) spent grain used as feed by farmer, based on business rep. estimates of 1.4 million pounds per six months

PAPER: (4) 0.52 tons/year recycled, based on 4 reams/week, 5 lb/ream. (6) 19 tons/year recycled, based on verbal estimate of 38,000 lbs/year. (7) 0.68 TPY mixed paper recycling through backhaul, based on 1.5 bags/day X 7 days/wk @ 2.5 lb bag. (8) 0.6 TPY copier paper recycling through backhaul, based on 20 reams/mo @ 5 lb each ream.

ORGANICS: (2) 283 TPY mixed organics backhauled and recycled, based on documented weight provided by business rep. (3) 2.6 TPY pet food source reduced through donation to Tescadera Zoo, based on 10 bags/wk @ 10 lb each.

TAILOW: (2) 52.3 TPY bones & fat backhauled and recycled, based on documented weight provided by business rep.

TALLOW: (2) 52.3 TPY bones & fat backhauled and recycled, based on documented weight provided by business rep.

PLASTIC: (2) 15.3 TPY mixed plastic backhauled and recycled, based on documented weight provided by business rep. (3) 0.3 TPY plastic bags source reduced through reuse as packaging material, based on 2 lb/day X 5 days/wk. (4) 2 TPY film plastic recycling through backhaul, based on 15 bags/wk @ est. 5 lb each. (7) 0.68 TPY mixed plastic container recycling through backhaul, based on 1.5 bags/day X 7 days/wk @ 2.5 lb bag.

CLOTHING: (3) 2.6 TPY donated to various charities based on business rep. estimates of 200 units/wk @ 0.5 lb each unit.



**10.** For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

**a.** If the diversion program started on or after January 1, 1990, complete the following table.

**Note:** *program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.)."*

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Inert Solids ▼	Paso Robles Landfill Diversion	1991	3785
Agricultural Waste ▼	LPSV2	1998	1400
Inert Solids ▼	City of Paso Robles, Public Works Department	1998	4540
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			

**b.** If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. **Note:** this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

**Note:** *If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.*

Instead please provide date of Board approval of previously submitted information. \_\_\_\_\_ (Date)

If documentation is not available, go to 10d.

**c.** If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		

**d.** If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note:** *Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.*

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				

Ref. No.	Source	Type of Business	Category	Matl. Type	Method	Qty.	Unit	Freq.	Conversion Factor	Tons /Period	Tons/Yr
<b>Material Handlers</b>											
LPMH1	Food Bank of SLO	food bank	mat. handler	bakery goods	SR	31200 lbs	year	Verbal estimate		16	16
				OCC	SR	1.8 tons	year	1.1 lb box		2	2
JHMH1	Salinas Tallow	tallow	mat. handler	tallow	recycling	176,000 lbs	year	Verbal estimate		88	88
JHMH3	Direct Shred	fiber recycling	mat. handler	paper	recycling	43299 lbs	year	Documented Weight		22	22
JHMH4	San Luis Tallow	tallow	mat. handler	tallow	recycling	73 tons	year	46.69 lb/CY		73	73
<b>Total Tons for Material Handlers</b>											200
<b>Recycling Center</b>											
JHMH2	Paso Robles Recycling Center	recycling center	RC	glass	recycling	925 tons	year	Documented Weight		925	925
				plastic	recycling	80 tons	year	Documented Weight		80	80
				fiber	recycling	2,238.00 tons	year	Documented Weight		2,238	2238
				Aluminum cans	recycling	194.00 tons	year	Documented Weight		194	194
<b>Total Tons for Recycling Center</b>											3437
<b>DOC</b>											
CS0509	DOC		residential	Aluminum	recycling	19463 lbs	year	Documented Weight		10	10
			residential	Glass	recycling	352788 lbs	year	Documented Weight		176	176
			residential	PETE	recycling	33988 lbs	year	Documented Weight		17	17
			residential	HDPE	recycling	82467 lbs	year	Documented Weight		41	41
<b>Total DOC Tons</b>											244
<b>City Survey</b>											
CSLP1	City Parks		public	plant debris	composting	500 cu yds	year	108 lb/cy		27	27
CSLP3	Public Works		public	asphalt grindings	recycling	6580 cu yds	year	1380 lb/cy		4540	4540
				xmas trees	composting	500 cu yds	year	527 lb/cy		132	132
				grasscycling	composting	17.5 acres	year	6.5 ton/acre/yr		114	114
CSJH1	PR Golf	golf course	public	grasscycling	composting	80 acres	year	6.5 ton/acre/yr		520	520
<b>Total Tons City Survey</b>											5332
<b>Business Surveys</b>											
LPBS4	ACME Vile & Glass	glass mfg.	commercial	OCC	recycling	6000 lbs	year	Verbal estimate		3	3
JHBS1	Community Recycling (Vons/Ralphs)	grocers	commercial	OCC	recycling	435 tons	year	Documented Weight		435	435
				mixed plastic	recycling	15 tons	year	Documented Weight		15	15
				bone & fat	recycling	52 tons	year	Documented Weight		52	52
				mixed organic	recycling	283 tons	year	Documented Weight		283	283
LPBS5	Rite-Aid	retail	commercial	OCC	recycling	91 bales	year	800 lb bale		36	36
				mixed paper	recycling	1 tons	year	5 lb bag, includes plastics		1	1
				plastic pharmacy	recycling	1 tons	year	5 lb bag, includes paper		1	1
<b>Total Tons Business Surveys</b>											826
<b>Site-Visits</b>											
LPSV1	Zurn Wilkins	water valve mfg.	commercial	OCC	recycling	280,000 lbs	year	Verbal estimate		140	140
				white office pape	recycling	38000 lbs	year	Verbal estimate		19	19
LPSV2	Fireston Walker Brewing Company	brewing	commercial	spent grains	recycling	1400 tons	year	Verbal estimate		1400	1400
JHSV1	Wal-Mart	retail	commercial	OCC bale	recycling	1092 bales	year	800 lbs each		437	437



Franchise Hauler										
LPFH1	PRWDI	Franchise Hauler	commercial	OCC	Recycling	643.11 tons	year	Documented Weight	643.11	643
			commercial	White Paper	Recycling	19.48 tons	year	Documented Weight	19.48	19
			commercial	Glass	Recycling	5.95 tons	year	Documented Weight	5.95	6
			residential	Newsprint	Recycling	297.81 tons	year	Documented Weight	297.81	298
			residential	Mgs/Phone Book	Recycling	8.94 tons	year	Documented Weight	8.94	9
			residential	PET Plastic	Recycling	19.27 tons	year	Documented Weight	19.27	19
			residential	Mxd. Plastic	Recycling	41.78 tons	year	Documented Weight	41.78	42
			residential	Glass	Recycling	162.78 tons	year	Documented Weight	162.78	163
			residential	aluminum cans	Recycling	8.98 tons	year	Documented Weight	8.98	9
			residential	Metal CRV	Recycling	38.12 tons	year	Documented Weight	38.12	38
			residential	greenwaste	composting	1,166.32 tons	year	Documented Weight	1,166.32	1166
Total Tons Franchise Hauler										2413

Total Diversion	Total Diversion	19450
Total Disposal		31741.34
Percentage		38.0%
Generation		51191.49
Population		22,900
Pounds per capita		12.25